

Listing of Claims

Please amend claims to the present application as set forth below. A detailed listing of all claims has been provided. A status identifier is provided for each claim in a parenthetical expression following each claim number.

- A) Claims 1—80 were originally filed.
- B) Claims 39—49, 52—63, 65—67 and 70—80 were previously withdrawn.
- C) Claims 3, 6—7, 9—10, 12—22, 24—31, 33—38, 50—51 and 68—69 remain in their original form.
- D) Claims 1—2, 4—5, 8, 23, 32, 64 are currently amended.
- E) No claims are new.
- F) Claim 11 is canceled.

1. (Currently Amended.) A method comprising:
 - presenting a word processing table within a document; ~~and~~
 - presenting a free floating field configured for insertion into the document;
 - exhibiting spreadsheet features together with the word processing table
 - when a user is editing the word processing ~~table~~; table; and
 - enabling a user to reference a cell in the word processing table when
 - entering a formula into the free floating field.

2. (Currently Amended.) ~~The method of claim 1,~~ A method, comprising:
presenting a word processing table within a document;
exhibiting spreadsheet features together with the word processing table
when a user is editing the word processing table; and
_____ wherein the document is a markup document, and the presenting comprises
rendering the markup document.

3. (Original.) The method of claim 1, wherein the word processing table has
rows and columns, and the exhibiting comprises depicting row headers for
the rows and column headers for the columns.

4. (Currently Amended.) ~~The method of claim 1,~~ A method, comprising:
presenting a word processing table within a document;
exhibiting spreadsheet features together with the word processing table
when a user is editing the word processing table; and
_____ wherein the word processing table has rows and columns, and the
exhibiting comprises depicting a row addition control for adding one or
more rows to the word processing table and a column addition control for
adding one or more columns to the word processing table.

- 1 5. (Currently Amended.) ~~The method of claim 1, further~~ A method,
2 comprising:
3 presenting a word processing table within a document;
4 exhibiting spreadsheet features together with the word processing table
5 when a user is editing the word processing table;
6 determining, upon selection of a cell in the word processing table, a type of
7 contents in the cell; and
8 interpreting user entry based upon the type of contents in the cell.
9
- 10 6. (Original.) The method of claim 5, wherein the determining comprises:
11 evaluating whether the type of contents is a formula or non-text data;
12 if the type of contents is a formula or non-text data, interpreting the user
13 entry as applicable to spreadsheet functions; and
14 if the type of contents is not a formula or non-text data, interpreting the user
15 entry as applicable to word processing functions.
16
- 17 7. (Original.) The method of claim 5, wherein the determining comprises:
18 evaluating whether the type of contents is a formula;
19 if the type of contents is a formula, highlighting all of the formula and
20 allowing editing in a formula edit box; and
21 if the type of contents is not a formula, placing a cursor in the cell.
22
23
24
25

- 1 8. (Currently Amended.) ~~The method of claim 1,~~ A method, comprising:
2 presenting a word processing table within a document;
3 exhibiting spreadsheet features together with the word processing table
4 when a user is editing the word processing table; and
5 wherein the word processing table has multiple cells, the method further
6 comprising overlaying a formula edit box on a particular cell in the table to
7 facilitate user entry of a formula into the particular cell.
8
9 9. (Original.) The method of claim 8, further comprising resizing the formula
10 edit box as the user enters the formula, while maintaining the particular cell
11 and table as a whole at a constant size.
12
13 10. (Original.) The method of claim 1, further comprising:
14 presenting multiple word processing tables; and
15 enabling a user to reference a cell in a first word processing table when
16 entering a formula in a cell in a second word processing table.
17
18 11. (Cancelled.)
19
20 12. (Original.) The method of claim 1, further comprising:
21 modifying a value in a cell of the word processing table; and
22 upon modification, automatically recalculating any formula in the word
23 processing table that is affected by the modification.
24
25

1 13. (Original.) A computer readable medium having computer-executable
2 instructions that, when executed on one or more processors, perform the
3 method as recited in claim 1.

4
5 14. (Original.) A method comprising:
6 presenting a word processing table, the table having multiple cells; and
7 overlaying a formula edit box on a particular cell in the table to facilitate
8 user entry of a formula into the particular cell.

9
10 15. (Original.) The method of claim 14, wherein the formula edit box initially
11 defaults to a size and shape of the particular cell in the table.

12
13 16. (Original.) The method of claim 14, further comprising resizing the
14 formula edit box as the user enters the formula.

15
16 17. (Original.) The method of claim 14, further comprising resizing the
17 formula edit box as the user enters the formula, while maintaining the
18 particular cell and table at a constant size.

19
20 18. (Original.) The method of claim 14, further comprising extending the
21 formula edit box horizontally and subsequently enlarging the formula edit
22 box vertically as the user enters the formula.

1 19. (Original.) The method of claim 14, further comprising enabling a user to
2 reference another cell in the table to add a reference to the formula.

3
4 20. (Original.) The method of claim 14, further comprising:
5 presenting multiple tables; and
6 enabling a user to reference a cell in another table to add a variant to the
7 formula.

8
9 21. (Original.) The method of claim 14, further comprising:
10 presenting a free floating field; and
11 enabling a user to reference the free floating field to add a variant to the
12 formula.

13
14 22. (Original.) A computer readable medium having computer-executable
15 instructions that, when executed on one or more processors, perform the
16 method as recited in claim 14.

17
18 23. (Currently Amended.) A method comprising:
19 presenting first and second tables, the first table having a first cell with
20 contents; and
21 enabling a user to reference the first cell in the first table when entering a
22 formula in a second cell in the second ~~table~~ table, wherein the
23 entering comprises receiving the formula within a formula edit box
24 overlaying the second table.
25

1
2 24. (Original.) The method of claim 23, wherein the first and second tables
3 resemble a spreadsheet when being edited.

4
5 25. (Original.) The method of claim 23, wherein the first and second tables
6 reside in separate documents.

7
8 26. (Original.) The method of claim 23, wherein the enabling comprises
9 facilitating user selection of the first cell using a pointer to reference the
10 first cell.

11
12 27. (Original.) The method of claim 23, further comprising overlaying a
13 formula edit box on the second cell in the second table to facilitate user
14 entry of the formula into the second cell.

15
16 28. (Original.) The method of claim 23, further comprising nesting the first
17 table within a cell in the second table.

18
19 29. (Original.) The method of claim 23, further comprising, upon modification
20 of the contents in the first cell of the first table, automatically recalculating
21 the formula in the second cell of the second table.

- 1 30. (Original.) The method of claim 23, further comprising:
2 presenting a free floating field; and
3 enabling a user to reference a cell in one of the first and second tables.
4
- 5 31. (Original.) A computer readable medium having computer-executable
6 instructions that, when executed on one or more processors, perform the
7 method as recited in claim 23.
8
- 9 32. (Currently Amended.) A method comprising:
10 presenting first and second tables; and
11 constructing a formula in the second table that references contents in the
12 first table by overlaying a formula edit box on the second table to
13 facilitate user entry of the formula.
14
- 15 33. (Original.) The method of claim 32, wherein the first and second tables are
16 within a common document.
17
- 18 34. (Original.) The method of claim 32, further comprising nesting the first
19 table within a cell in the second table.
20
- 21 35. (Original.) The method of claim 32, further comprising, upon modification
22 of the contents in the first table, automatically recalculating the formula in
23 the second table.
24
25

1 36. (Original.) The method of claim 32, further comprising facilitating user
2 selection of a cell in the first table using a pointer to create a variant in the
3 formula.

4
5 37. (Original.) The method of claim 32, further comprising:
6 presenting a free floating field; and
7 constructing a formula in the free floating field that references contents in
8 one of the first and second tables.

9
10 38. (Original.) A computer readable medium having computer-executable
11 instructions that, when executed on one or more processors, perform the
12 method as recited in claim 32.

13
14 39. (Withdrawn.) A method comprising:
15 presenting first and second spreadsheet tables, the spreadsheet tables
16 supporting spreadsheet functionality; and
17 nesting the first table within the second table.

18
19 40. (Withdrawn.) The method of claim 39, further comprising constructing a
20 formula in the second table that references contents in the first table.

21
22 41. (Withdrawn.) The method of claim 40, further comprising, upon
23 modification of the contents in the first table, automatically recalculating
24 the formula in the second table.

1
2 42. (Withdrawn.) A computer readable medium having computer-executable
3 instructions that, when executed on one or more processors, perform the
4 method as recited in claim 39.

5
6 43. (Withdrawn.) A method comprising:
7 presenting a table user interface (UI), the table UI resembling a table when
8 not being edited and adding spreadsheet elements to the table when
9 being edited;
10 enabling a user to enter data and one or more formulas into the table UI;
11 and
12 upon modification of the data or one or more formulas in the table,
13 automatically recalculating any of the one or more formulas affected
14 by the modification and presenting the table UI with results from the
15 recalculating.

16
17 44. (Withdrawn.) The method of claim 43, wherein the presenting comprises
18 rendering the table UI as an HTML table.

19
20 45. (Withdrawn.) The method of claim 43, further comprising overlaying a
21 formula edit box on the table UI to facilitate user entry of a formula into the
22 table UI.
23
24
25

- 1 46. (Withdrawn.) The method of claim 43, further comprising:
2 presenting a free floating field user interface (UI); and
3 enabling a user to enter a formula into the free floating field UI that
4 references contents of the table UI.
5
- 6 47. (Withdrawn.) The method of claim 46, further comprising upon
7 modification of the contents of the table, automatically recalculating the
8 formula in the free floating field UI.
9
- 10 48. (Withdrawn.) The method of claim 43, wherein the table UI is a first table
11 UI; and further comprising:
12 copying the first table UI and pasting to form a second table UI; and
13 automatically updating the formulas in the first and second table UI to
14 make appropriate references.
15
- 16 49. (Withdrawn.) A computer readable medium having computer-executable
17 instructions that, when executed on one or more processors, perform the
18 method as recited in claim 43.
19
20
21
22
23
24
25

1 50. (Original.) A method comprising:
2 displaying a document with both text and a spreadsheet table, the
3 spreadsheet table resembling a word processing table in appearance
4 and supporting spreadsheet functionality; and
5 enabling a user to format the text according to a particular format; and
6 formatting cells in the spreadsheet table according to the particular format.

7
8 51. (Original.) A computer readable medium having computer-executable
9 instructions that, when executed on one or more processors, perform the
10 method as recited in claim 50.

11
12 52. (Withdrawn.) A method comprising:
13 displaying a document with both text and a spreadsheet table, the
14 spreadsheet table resembling a word processing table in appearance
15 and supporting spreadsheet functionality; and
16 enabling a user to evaluate the text and the spreadsheet table for possible
17 spelling or grammatical errors via actuation of a single control.

18
19 53. (Withdrawn.) A computer readable medium having computer-executable
20 instructions that, when executed on one or more processors, perform the
21 method as recited in claim 52.

- 1 54. (Withdrawn.) A method comprising:
2 displaying a document with both text and a spreadsheet table, the
3 spreadsheet table resembling a word processing table in appearance
4 and supporting spreadsheet functionality; and
5 enabling a user to select a control function to modify or evaluate an aspect
6 of the document; and
7 applying the control function across both the text and the spreadsheet table.
8
- 9 55. (Withdrawn.) The method of claim 54, wherein the control function is
10 selected from a group of functions including formatting, spell checking,
11 grammar checking, find, find and replace, auto-correct, applying document
12 themes, inserting lists, images, drawings, charts, hyperlinks, automatic
13 detection of hyperlinks, and list autodetection.
14
- 15 56. (Withdrawn.) The method of claim 54, wherein the control function is any
16 text feature that can be applied to the text and the applying comprises
17 applying that text feature to the spreadsheet table.
18
- 19 57. (Withdrawn.) A computer readable medium having computer-executable
20 instructions that, when executed on one or more processors, perform the
21 method as recited in claim 54.
22
23
24
25

- 1 58. (Withdrawn.) A user interface comprising:
2 a table residing within a document, the table having multiple cells; and
3 a formula edit box overlaid on a particular cell in the table to facilitate user
4 entry of a formula into the particular cell.
5
- 6 59. (Withdrawn.) The user interface of claim 58, wherein the cells are arranged
7 in rows and columns, and the table has row headers to identify the rows of
8 cells and column headers to identify the columns of cells.
9
- 10 60. (Withdrawn.) The user interface of claim 58, wherein the cells are
11 arranged in rows and columns, and the table has a row addition control for
12 adding one or more rows to the table and a column addition control for
13 adding one or more columns to the table.
14
- 15 61. (Withdrawn.) The user interface of claim 58, wherein the formula edit box
16 initially defaults to a size and shape of the particular cell in the table.
17
- 18 62. (Withdrawn.) The user interface of claim 58, wherein the formula edit box
19 dynamically resizes as the user enters the formula.
20
- 21 63. (Withdrawn.) The user interface of claim 58, wherein the formula edit box
22 extends horizontally and subsequently enlarges vertically as the user enters
23 the formula.
24
25

64. (Currently Amended.) ~~A user interface comprising:~~ The method of claim 1, additionally comprising:
~~a table having rows and columns of cells;~~
facilitating addition of one or more rows to the word processing table by
operation of a row addition control adjacent a lowermost row in the
table, ~~the row addition control facilitating addition of one or more~~
~~rows to the table; and~~
facilitating addition of one or more columns to the word processing table by
operation of a column addition control adjacent an outermost column
in the table, ~~the column addition control facilitating addition of one~~
~~or more columns to the table.~~

65. (Withdrawn.) A user interface comprising:
multiple tables, each table having multiple cells; and
an entry tool to facilitate entry of a formula in a first table that references
contents in a second table.

66. (Withdrawn.) The user interface of claim 65, wherein the entry tool
comprises a formula edit box overlaid on a particular cell in the first table
to facilitate user entry of the formula into the particular cell.

67. (Withdrawn.) The user interface of claim 65, wherein the entry tool
comprises referencing a particular cell in the second table using a pointer
and adding a variable to the formula that references the particular cell.

1
2 68. (Original.) A user interface comprising:
3 a first spreadsheet table supporting spreadsheet functionality and having
4 multiple cells; and
5 a second spreadsheet table nested within a cell of the first table.
6

7 69. (Original.) The user interface of claim 68, wherein one of the first and
8 second tables contains a formula referencing contents of the other of the
9 first and second tables.
10

11 70. (Withdrawn.) An architecture comprising:
12 a user interface to present at least one table;
13 a table appearance manager to manage how a table appears in the user
14 interface such that the table resembles a table when not being edited
15 and adds spreadsheet elements to the table when being edited; and
16 a spreadsheet functionality manager to manage spreadsheet functions for
17 the table.
18

19 71. (Withdrawn.) The architecture of claim 70, wherein the user interface
20 overlays a formula edit box on a particular cell in the table to facilitate user
21 entry of a formula into the particular cell.
22
23
24
25

1 72. (Withdrawn.) The architecture of claim 70, wherein the table appearance
2 manager comprises:

3 a table component to support editing functionality of the table; and

4 a spreadsheet component to receive data and formulas input into the table.
5

6 73. (Withdrawn.) The architecture of claim 70, wherein the spreadsheet
7 functionality manager comprises:

8 a cell table to maintain data values and formulas used in the table; and

9 a format table to maintain formatting information used in the table.
10

11 74. (Withdrawn.) The architecture of claim 70, wherein the spreadsheet
12 functionality manager comprises:

13 a cell table to maintain data values and formulas used in the table; and

14 a recalculation engine to recalculate the formulas following a change to a
15 data value or formula in the cell table.
16

17 75. (Withdrawn.) The architecture of claim 70, wherein the user interface
18 presents multiple tables, and the spreadsheet functionality manager is
19 configured to track references made from one table to another table.
20
21
22
23
24
25

1 76. (Withdrawn.) The architecture of claim 70, wherein the user interface
2 presents multiple tables, and the spreadsheet functionality manager is
3 configured to maintain data and formulas for the multiple tables and track
4 references made from one table to another table, the spreadsheet
5 functionality manager being further configured to update any data and
6 formulas in the multiple tables that is affected by a change made to one of
7 the tables.

8
9 77. (Withdrawn.) A computer readable medium having computer-executable
10 instructions that, when executed on one or more processors, performs the
11 following:

12 present first and second tables; and

13 create a reference from the first table to contents of the second table; and

14 upon modification of the contents in the second table, update the first table.
15

16 78. (Withdrawn.) The computer readable medium of claim 77, further
17 comprising computer-executable instructions to overlay an entry field on a
18 particular cell in the table to facilitate user entry of a formula into the
19 particular cell.

20
21 79. (Withdrawn.) The computer readable medium of claim 77, further
22 comprising computer-executable instructions to present a free floating field
23 and create a reference from the free floating field to one of the first and
24 second tables.
25

1
2 80. (Withdrawn.) The computer readable medium of claim 77, further
3 comprising computer-executable instructions to nest the first table within
4 the second table.
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25